

### ABSTRACT

An embossed carrier tape manufacturing apparatus includes features for integrating with other processing equipment so that other processes such as forming, filling, and  
5 sealing the tape can be performed sequentially in one integrated process. The apparatus includes retractable contact spot heaters for heating the tape prior to embossing, along with a unique heat shield arrangement that is interposable between the heaters and the tape so that the process may be paused. Also, a synchronizing apparatus is integrated so that the carrier tape embossing process may be automatically paused for adjusting to the input rate of other carrier tape  
10 processing apparatus.